L Number	Hits	Search Text	DB	Time stamp
1	1503	((250/504,504R,504H) or (372/100) or (313/500)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/27 20:52
2	586	((372/100) or (313/500)).CCLS.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/27 20:52
3	711	(IR or infrared) and (LED or (light adjemitting adj diode)) and aspheric\$4	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/07/27 21:26
4	78	((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and hollow	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/27 20:54
5	292	((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/27 21:40
6	159	(((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)) and collimat\$4	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/27 21:40
7	32	<pre>(((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)) and collimat\$4) and ((heat adj sink) or ((heat or thermal\$4) near conduct\$4))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/27 21:42
8	24	<pre>(((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)) and collimat\$4) and ((heat adj sink) or ((heat or thermal\$4) near conduct\$4))) and temperature</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:42
10	1	1	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:41
9	20	<pre>(()((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)) and collimat\$4) and ((heat adj sink) or ((heat or thermal\$4) near conduct\$4))) and temperature) and cool\$4</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:44
11	1	<pre>((((((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and (aspheric\$4 near lens\$3)) and collimat\$4) and ((heat adj sink) or ((heat or thermal\$4) near conduct\$4))) and temperature) and cool\$4) and</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:18
12	13	(((250/504,504R,504H) or (372/100) or (313/500)).CCLS.) (((IR or infrared) and (LED or (light adjemitting adj diode)) and aspheric\$4) and hollow) and (non-coherent\$3 or noncoherent\$3)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:29

12		11/11/17D on informal and 1770 on 132 de	Henra.	2003/07/27
13	9	<pre>((((((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4)</pre>	USPAT; US-PGPUB;	2003/07/27
		and (aspheric\$4 near lens\$3)) and	EPO; JPO;	21.20
		collimat\$4) and ((heat adj sink) or	DERWENT;	
		((heat or thermal\$4) near conduct\$4)))	IBM_TDB	
		and temperature) and cool\$4) and	·	
		(cylindrical\$4 or cylinder)		0000/07/07
14	13	((((IR or infrared) and (LED or (light	USPAT;	2003/07/27
		adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:24
		and hollow) and (non-coherent\$3 or noncoherent\$3)) and collimat\$4	EPO; JPO; DERWENT;	
		Honconerences;   and Collimates	IBM TDB	
15	2	(((((IR or infrared) and (LED or (light	USPAT;	2003/07/27
13	_	adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:25
		and hollow) and (non-coherent\$3 or	EPO; JPO;	
		noncoherent\$3)) and collimat\$4) and	DERWENT;	
		((heat adj sink) or ((heat or thermal\$4)	IBM_TDB	
	1	near conduct\$4))		2222 /27 /27
16	148	((thermal\$5 or heat\$4) near conduct\$4)	USPAT;	2003/07/27
		and (aspheric\$3 adj lens)	US-PGPUB;	21:26
			EPO; JPO; DERWENT;	
			IBM TDB	
18	2	((((thermal\$5 or heat\$4) near conduct\$4)	USPAT;	2003/07/27
10	[	and (aspheric\$3 adj lens)) and (IR or	US-PGPUB;	21:29
		infrared) and (LED or (light adj emitting	EPO; JPO;	
		adj diode)) ) and (non-coherent\$3 or	DERWENT;	
		noncoherent\$3)	IBM_TDB	
17	29		USPAT;	2003/07/27
		and (aspheric\$3 adj lens)) and (IR or	US-PGPUB;	21:36
		infrared) and (LED or (light adj emitting	EPO; JPO;	
		adj diode))	DERWENT;	
19	13	((((thermal\$5 or heat\$4) near conduct\$4)	USPAT;	2003/07/27
19	13	and (aspheric\$3 adj lens)) and (IR or	US-PGPUB;	21:38
		infrared) and (LED or (light adj emitting	EPO; JPO;	
		adj diode))) and (night adj vision)	DERWENT;	
	1		IBM_TDB	
20	4	((((thermal\$5 or heat\$4) near conduct\$4)	USPAT;	2003/07/27
		and (aspheric\$3 adj lens)) and (IR or	US-PGPUB;	21:38
		infrared) and (LED or (light adj emitting	EPO; JPO;	
		adj diode)) ) not laser	DERWENT; IBM TDB	
0.1	43	(((IR or infrared) and (LED or (light adj	USPAT;	2003/07/27
21	33	emitting adj diode)) and aspheric\$4) and	US-PGPUB;	21:40
		hollow) and (aspheric\$4 near lens\$3)	EPO; JPO;	
	1	, , , , , , , , , , , , , , , , , , , ,	DERWENT;	
			IBM_TDB	
22	34		USPAT;	2003/07/27
		adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:40
		and hollow) and (aspheric\$4 near lens\$3))	EPO; JPO; DERWENT;	
		and collimat\$4	IBM TDB	
23	13	(((((IR or infrared) and (LED or (light	USPAT;	2003/07/27
2.3		adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:41
		and hollow) and (aspheric\$4 near lens\$3))	EPO; JPO;	
		and collimat\$4) and (non-coherent\$3 or	DERWENT;	
		noncoherent\$3)	IBM_TDB	
24	2	((((((IR or infrared) and (LED or (light	USPAT;	2003/07/27
		adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:41
		and hollow) and (aspheric\$4 near lens\$3))	EPO; JPO;	
		and collimat\$4) and (non-coherent\$3 or noncoherent\$3)) and ((heat adj sink) or	DERWENT; IBM_TDB	
		((heat or thermal\$4) near conduct\$4))	15155	
26	1	((((((((IR or infrared) and (LED or (light	USPAT;	2003/07/27
26	*	adj emitting adj diode)) and aspheric\$4)	US-PGPUB;	21:46
		and hollow) and (aspheric\$4 near lens\$3))	EPO; JPO;	
		and collimat\$4) and (non-coherent\$3 or	DERWENT;	
		noncoherent\$3)) and temperature) and	IBM_TDB	
		(((disspat\$4 or dispat\$4) with heat\$3) or		
		((heat or thermal\$4) near conduct\$4))		<u> </u>

27	1	<pre>(((((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and hollow) and (aspheric\$4 near lens\$3)) and collimat\$4) and (non-coherent\$3 or noncoherent\$3)) and temperature) and cool\$4</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:44	•
25	12	<pre>(((((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and hollow) and (aspheric\$4 near lens\$3)) and collimat\$4) and (non-coherent\$3 or noncoherent\$3)) and temperature</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/07/27 21:44	
28	1	<pre>(((((((IR or infrared) and (LED or (light adj emitting adj diode)) and aspheric\$4) and hollow) and (aspheric\$4 near lens\$3)) and collimat\$4) and (non-coherent\$3 or noncoherent\$3)) and temperature) and (((disspat\$4 or dispat\$4 or disapat\$4) with heat\$3) or ((heat or thermal\$4) near conduct\$4))</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/07/27 21:46	